

Appendix B

Historic Air Quality Data

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Table 1: Historic Fourth Highest 8-Hour Ozone Values (ppm) for Cincinnati-Hamilton, OH-KY-IN Nonattainment Area

Monitoring Sites	County	State	1998	1999	2000	2001	2002	2003	2004	2005	2006
Boone 21-015-0003	Boone	KY	.084	.091	0.083	0.083	0.094	0.078	0.070	0.082	0.071
Ft Thomas 21-037-0003	Campbell	KY	.089	.090	0.093	0.088	0.102	0.085	0.076	0.090	*
Kenton 21-117-0007	Kenton	KY	.091	.091	0.087	0.082	0.096	0.079	0.073	0.084	0.075
Hamilton 39-017-0004	Butler	OH	.089	.096	0.082	0.083	0.100	0.094	0.075	0.086	0.079
Middletown 39-017-1004	Butler	OH	.092	.096	0.084	0.087	0.098	0.083	0.076	0.088	0.075
Batavia 39-025-0022	Clermont	OH	.099	.094	0.090	0.083	0.098	0.090	0.076	0.083	0.077
Sycamore 39-061-0006	Hamilton	OH	.092	.090	0.081	0.088	0.100	0.093	0.076	0.089	0.081
Colerain 39-061-0010	Hamilton	OH	.088	.088	0.080	0.080	0.096	0.087	0.075	0.085	0.081
Taft 39-061-0040	Hamilton	OH	.087	.088	0.085	0.083	0.095	0.083	0.076	0.087	0.078
Lebanon 39-165-0006	Warren	OH	.097	.095	0.086	0.085	0.098	0.090	0.081	0.092	0.086

8-hour ozone values are listed in parts per million (ppm)

Bolded values represent exceedances of the 8-hour ozone National Ambient Air Quality Standards.

Shaded areas reflect no monitoring data available.

*The Ft. Thomas monitor in Campbell County, KY was no longer accessible at this location in 2006.

Table 2: Historic 8-Hour Ozone Design Values (ppm) for Cincinnati-Hamilton, OH-KY-IN Nonattainment Area

Monitoring Sites	County	State	1998-2000	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006
Boone 21-015-0003	Boone	KY	0.086	0.085	0.086	0.085	0.080	0.076	0.074
Ft Thomas 21-037-0003	Campbell	KY	0.090	0.090	0.094	0.091	0.087	0.083	NA
Kenton 21-117-0007	Kenton	KY	0.089	0.086	0.088	0.085	0.082	0.078	0.077
Hamilton 39-017-0004	Butler	OH	0.089	0.087	0.088	0.092	0.089	0.085	0.080
Middletown 39-017-1004	Butler	OH	0.090	0.089	0.089	0.089	0.085	0.082	0.079
Batavia 39-025-0022	Clermont	OH	0.094	0.089	0.090	0.090	0.088	0.083	0.078
Sycamore 39-061-0006	Hamilton	OH	0.087	0.086	0.089	0.093	0.089	0.086	0.082
Colerain 39-061-0010	Hamilton	OH	0.085	0.082	0.085	0.087	0.086	0.082	0.080
Taft 39-061-0040	Hamilton	OH	0.086	0.085	0.087	0.087	0.084	0.082	0.080
Lebanon 39-165-0006	Warren	OH	0.092	0.088	0.089	0.091	0.089	0.087	0.086

8-hour design values are listed in parts per million (ppm)

Bolded values represent violations of the 8-hour ozone National Ambient Air Quality Standards.